First Alert®

AM/FM Weather Band Clock Radio with Weather Alert

USER MANUAL
SFA150

PLEASE READ THIS USER MANUAL COMPLETELY BEFORE OPERATING THIS UNIT AND RETAIN THIS BOOKLET FOR FUTURE REFERENCE.

WARNING

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT USE THIS PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE. TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
The lightning flash with arrowhead symbol, within an equilateral triangel is intended to alert the user to the presence of uninsulated dangerous voltage within the product is endosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.
CAUTION: TO REDUCE THE RISK OF ELECTRICSHOCK, DO NOT REMOVE COVER (OR BACK).NO USER-SERVICEABLE PARTS INSIDE. REFERSERVICING TO QUALIFIED SERVICE PERSONEL.
The exclamation point within an equilateral triangel is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accomoanying the appliance.

The Caution Marking is located at the back enclosure of the apparatus.
The Rating plate is located at the bottom enclosure of the apparatus

IMPORTANT SAFETY INSTRUCTIONS

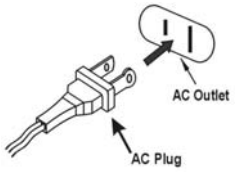
1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that product heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13. Unplug this apparatus during lightning storms or when unused for a long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. This appliance shall not be exposed to dripping or splashing water and that no object filled with liquids such as vases shall be placed on the apparatus.

16. Do not overload wall outlet. Use only power source as indicated.
17. Use replacement part as specified by the manufacturer.
18. Upon completion of any service or repairs to this product, ask the service technician to perform safety checks.
19. Power Sources - This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instruction.
20. Object and Liquid Entry - Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
21. Damage Requiring Service - Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
    a) When the power-supply cord or plug is damaged,
    b) If liquid has been spilled, or objects have fallen into the product,
    c) If the product has been exposed to rain or water,
    d) If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
    e) If the product has been dropped or damaged in any way, and
    f) When the product exhibits a distinct change in performance - this indicates a need for service.
22. Main plug is used as disconnect device and it should remain readily operable during intended use. In order to disconnect the apparatus from the mains completely, the mains plug should be disconnected from the mains socket outlet completely.
23. The battery (battery or batteries or battery pack) shall not be exposed to excessive heat such as sunshine, fire or the like.
24. Excessive sound pressure from earphones and headphone can cause hearing loss.

This symbol indicates that this product incorporates double insulation between hazardous mains voltage and user accessible parts.

CAUTION:
TO PREVENT ELECTRIC SHOCK, MATCH WIDE
BLADE OF AC PLUG TO WIDE SLOT. FULLY INSERT.



SAVE THESE INSTRUCTIONS

COMPLIANCE WITH FCC REGULATIONS

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE : This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

PROTECT YOUR FURNITURE

This system is equipped with non-skid rubber 'feet' to prevent the product from moving when you operate the controls. These 'feet' are made from non-migrating rubber material specially formulated to avoid leaving any marks or stains on your furniture. However certain types of oil based furniture polishes, wood preservatives, or cleaning sprays may cause the rubber 'feet' to soften, and leave marks or a rubber residue on the furniture.

To prevent any damage to your furniture we strongly recommend that you purchase small self-adhesive felt pads, available at hardware stores and home improvement centers everywhere, and apply these pads to the bottom of the rubber 'feet' before you place the product on fine wooden furniture.

DEAR FIRST ALERT® CUSTOMER

Selecting fine audio equipment such as the unit you've just purchased is only the start of your musical enjoyment. Now it's time to consider how you can maximize the fun and excitement your equipment offers. This manufacturer and the Electronic Industries Association's Consumer Electronics Group want you to get the most out of your equipment by playing it at a safe level. One that lets the sound come through loud and clear without annoying blaring or distortion and, most importantly, without affecting your sensitive hearing. Sound can be deceiving. Over time your hearing "comfort level" adapts to higher volumes of sound. So what sounds "normal" can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

To establish a safe level:

- Start your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, and without distortion.
- Once you have established a comfortable sound level : Set the dial and leave it there.

Taking a minute to do this now will help to prevent hearing damage or loss in the future. After all, we want you listening for a lifetime.

We Want You Listening For a Lifetime

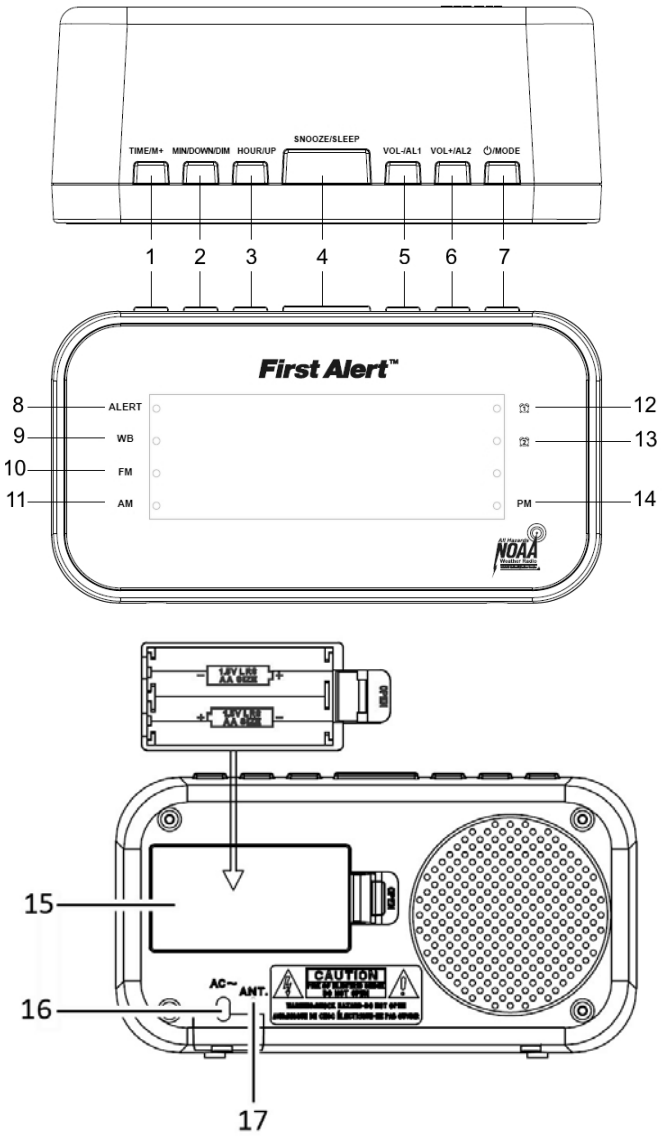
Used wisely, your new sound equipment will provide a lifetime of fun and enjoyment. Since hearing damage from loud noise is often undetectable until it is too late, this manufacturer and the Electronic Industries Association's Consumer Electronics Group recommend you avoid prolonged exposure to excessive noise.

Customer's Record:

The serial number of this product is found on its bottom cover. You should note the serial number of this unit in the space provided as a permanent record of your purchase to aid in identification in the event of theft of loss.

Model Number : SFA150 Serial Number :

LOCATION OF CONTROLS



1	TIME/M+	10	FM INDICATOR
2	MIN/DOWN/DIM	11	AM INDICATOR
3	HOUR/UP	12	ALARM 1 INDICATOR
4	SNOOZE/SLEEP	13	ALARM 2 INDICATOR
5	VOL-/AL1	14	PM INDICATOR
6	VOL+/AL2	15	BATTERY DOOR
7	⏻/MODE	16	AC POWER CORD
8	ALERT INDICATOR	17	ANTENNA
9	WB INDICATOR		

POWER SOURCE

AC POWER CONNECTION
This product operates on 120V ~60Hz AC power supply. Plug the AC power cord (#16) into a household outlet AC source.

INSTALLING THE BACK-UP BATTERY
This unit is equipped with a battery back-up system, it requires 3V⎓ 2 x AA (UM-3) batteries (not included) to maintain the time settings and radio presets during an AC power outage.

1. Remove the battery door (#15).
2. Install a two pieces AA size batteries into the battery compartment following the polarity diagram inside. Use only the specified size and type of batteries.
3. Replace the battery door (#15).

Note: The unit will operate without a battery installed but your time & alarm setting will be lost and will have to be reset in the event of power interruption or failure.

IMPORTANT:
Be sure that the batteries are installed correctly. Wrong polarity may damage the unit and void the warranty. For best performance and longer operating time, we recommend the use of good quality alkaline battery.

BATTERY WARNING

1. Be sure that the batteries are installed correctly. Wrong polarity may damage the unit
2. Use only the size and type of batteries specified.
3. If the unit is not to be used for an extended period of time, remove the batteries. Old or leaking batteries can cause damage to the unit and may void the warranty.
4. Do not try to recharge batteries not intended to be recharged; they can overheat and rupture. (Follow battery manufacturer's directions)
5. Do not dispose of batteries in fire, batteries may leak or explode

POWER ON/STANDBY

1. In standby mode, press and hold the ⏻/MODE BUTTON (#7) to turn on the unit.
2. Press and hold the ⏻/MODE BUTTON (#7) again to return the unit to standby mode.

CLOCK OPERATION

TIME SETTING

1. At Standby mode, press Time/M+ button (#1), 12 or 24 Hr will flash on the display.
2. Press MIN/DOWN/DIM (#2) or HOUR/UP BUTTON (#3) repeatedly to select 12 or 24 hour display mode.
3. Press TIME/M+ button (#1) to confirm, the time will flash on the display.
4. Press the HOUR/UP BUTTON (#3) repeatedly to set the hour, press the MIN/DOWN/DIMBUTTON (#2) repeatedly to set the minute.

Note: If the PM Indicator (#14) is not showing in 12 hour mode, the time displayed is AM.
It will auto confirm after it flashes 4 times. Once the time stop flashing, you can repeat step 1 to step 4 to reset the time.

ALARM SETTING

1. At Standby mode, press the VOL-/AL 1 BUTTON (#5) to enter into the AL1 mode. The ALARM 1 INDICATOR (#12) will turn on and the time will flash on the display.
2. Press the HOUR/UP BUTTON (#3) to select your desired hour, press the MIN/DOWN/DIM BUTTON (#2) to select your desired minute.
3. Press the VOL-/AL1 BUTTON (#5) again, the display will show “buZ” or “rAd” or “OFF” and flash.
4. Press the MIN/DOWN/DIM BUTTON (#2) or HOUR/UP BUTTON (#3) repeatedly to select wake to buzzer “buZ” or wake to radio “rAd” or turn off the alarm 1 “OFF”.
5. To turn off Radio or Buzzer alarm after it sounds by pressing the ⏻/MODE BUTTON (#7).
6. The Alarm or Radio will sound for 30 minutes if the ⏻/MODE BUTTON (#7) was not pressed. It will stop automatically and wait for same alarm time on next day
7. Alarm 2 setting is same as Alarm.

Note : You should tune to your desired radio station first before starting to set the alarm time and choosing the radio alarm mode.

SNOOZE FUNCTION

When the alarm sounds, press the SNOOZE/SLEEP BUTTON (#4) to suspend the alarm and activate the snooze function, alarm will stop & will sound again 9 minutes later. If you press SNOOZE/SLEEP BUTTON (#4)again, the alarm will stop momentarily and sound again in 9 minutes and so on.

NOTE:

- The Snooze interval time is fixed at 9 minutes.
- To turn the Snooze function OFF, press the ⏻/MODE BUTTON (#7) once.

LISTENING TO THE RADIO

1. Press and hold ⏻/MODE BUTTON (#7) to turn on the SFA150.
2. Press the ⏻/MODE BUTTON (#7) to switch to your desired frequency band (FM/AM/WB).
3. The selected frequency band indicator will light up.

MANUAL SEARCH FOR RADIO STATIONS

Tap the HOUR/UP BUTTON (#3) or MIN/DOWN/DIM BUTTON (#2) repeatedly to choose your desired radio station.

AUTOMATIC SEARCH FOR RADIO STATIONS (AM/FM BAND)

To automatically search for stations with strong signals, press and hold the HOUR/UP BUTTON (#3) or MIN/DOWN/DIM BUTTON (#2) until the frequency readout on the display begins to scan and then release the button. The tuner will stop on the first strong station it finds.

Press the VOL-/AL1/ VOL+/AL2 BUTTONS (#5/#6) to adjust the volume level.

Notes:

- The automatic search function is not available in Weather mode. One of the 7 available channels must be selected manually.

- Use manual tuning to select weaker stations that might be skipped during automatic tuning.
- If the automatic tuning does not stop on the exact frequency of the station, for example, it stops on 88.9 MHz instead of 88.8 MHz, use the manual tuning method to “fine tune” to the exact frequency of the desired station.

HINTS FOR BEST RECEPTION:
To insure maximum FM tuner reception, unwrap and fully extend the ANTENNA (#17) for best FM radio reception.

TO SET THE RADIO PRESETS (AM/FM BAND)
1. Press and hold the ⏻/MODE BUTTON (#7) to turn on the SFA150.
2. Tap the ⏻/MODE BUTTON (#7) to select AM/FM band. The AM/FM INDICATOR (#11/10) will light up.
3. Tap the HOUR/UP BUTTON (#3) or MIN/DOWN/DIM BUTTON (#2) repeatedly to choose your desired radio station.
4. Press hold the TIME/M+/BUTTON (#1), the preset location will blink on the LED display.
5. Use HOUR/UP BUTTON (#3) or MIN/DOWN/DIM BUTTON (#2) to select the desired preset number (P01-P30).
6. Press the TIME/M+/BUTTON (#1)) again to confirm the preset.
7. Repeat steps 2 through 6 to preset up to 60 stations (30 AM and 30FM stations).

To recall one of the preset stations
1. Press and hold the OFF⏻/MODE BUTTON (#7) to turn on the SFA150.
2. Tap the ⏻/MODE BUTTON (#7) to select AM/FM band.
3. Press the TIME/M+/BUTTON (#1), the preset location will light up on the LED display.
4. Tap the HOUR/UP BUTTON (#3) or MIN/DOWN/DIM BUTTON (#2) repeatedly until you reach the desired preset number/radio station.

SLEEP TIMER
1. Press and hold the SNOOZE/SLEEP BUTTON (#4), the display will show 120 minutes. Repeatedly tap the SNOOZE/SLEEP BUTTON (#4) to select the sleep timer 110, 100, 90, 80, 70, 60, 50, 40, 30, 20, 10, OFF (in minutes). The unit will play for the selected length of time then turn off automatically.
2. Repeat step 1 to change or cancel the sleep timer
3. To turn the unit “Off” before the selected length of time, press the ⏻/MODE BUTTON (#7) at any time.

LISTENING TO A WEATHER CHANNEL

1. Press and hold the ⏻/MODE BUTTON (#7) to turn on the SFA150.
2. Tap the ⏻/MODE BUTTON (#7) to select WB band, WB INDICATOR will turn on.
3. Tap the HOUR/UP BUTTON (#3) or MIN/DOWN/DIM BUTTON (#2) to select the weather band channel for your area.
4. Press the VOLUME +/AL 2 BUTTON (#6) OR VOLUME -/AL1 BUTTON (#5) to obtain the desired sound level.
5. To turn the radio off, press and hold the ⏻/MODE BUTTON (#7).

Weather Band Channel Frequency Table

CHANNEL	Frequency (MHZ)
Ch1	162.400
Ch2	162.425
Ch3	162.450
CH4	162.475
CH5	162.500
CH6	162.525
CH7	162.550

Note:
With regard to the NOAA Weather Band: You need to identify which channel receives your local weather report. When you change locations either to another city or state, you may need to choose a different band to get the local report in that location.

HINTS FOR BEST RECEPTION:
- To insure maximum weather band reception, the ANTENNA (#17) should be fully extended to obtain the best possible station reception.

RECEIVING AN EMERGENCY WEATHER ALERT
In both On and Off modes, the SFA150 will receive emergency broadcast alerts, and sound an alarm warning if there is a severe weather emergency in your area.
1. The SFA150 will turn on automatically, activate the alarm and turn on the pre-selected WB channel. The ALERT INDICATOR (#8) flashes. The alarm will stay on for the duration of the alert broadcast.
2. The ALERT INDICATOR (#8) will not stop flashing until you press SNOOZE/SLEEP BUTTON (#4) or ⏻/MODE BUTTON (#7) to turn it off.

Note:
1. The radio will continue to drain the battery even it's left in Standby Mode, so it is highly recommended that you connect the SFA150 to AC power to prevent the battery from completely draining and turning the radio off while in use.
2. NOAA Weather band is a service broadcast of the U.S. Government and available in all 50 states, Puerto Rico and the U.S. Virgin Islands.
3. The NOAA Weather Service broadcasts a test alert every Wednesday between 11 am and Noon. To receive the broadcasts, the radio must be within the range of the local broadcast site, 10 - 40 miles, depending on terrain and obstructions.

To learn more:
Or find the weather band channel for your area, go to: http://www.nws.noaa.gov/nwr/ for NOAA (National Oceanic & Atmospheric Administration) and http://www.ec.gc.ca/ for Environment Canada.

DIMMER OPERATION

In standby mode, press the MIN/DOWN/DIM BUTTON (#2) repeatedly to select one of the two brightness settings (high or low).

CARE AND MAINTENANCE

- Children should be supervised when using this appliance.
- Never wrap the AC POWER CORD around any animal or person. Special care should be taken with long wire.
- Avoid operating your unit under direct sunlight or in hot, humid or dusty places.
- Keep your unit away from heating appliances and sources of electrical noise such as fluorescent lamps or motors.
- Unplug the unit from the electrical power outlet immediately in case of malfunction.

CLEANING THE UNIT

- To prevent fire or shock hazard, disconnect your unit from the AC power source when cleaning.
- The finish on the unit may be cleaned with a dust cloth and cared for as other furniture, Use caution when cleaning and wiping the plastic parts.
- If the cabinet becomes dusty wipe it with a soft dry dust cloth. Do not use any wax or polish sprays on the cabinet.
- If the front panel becomes dirty or smudged with fingerprints it may be cleaned with a soft cloth slightly dampened with a mild soap and water solution. Never use abrasive cloths or polishes as these will damage the finish of your unit.

CAUTION: Never allow any water or other liquids to get inside the unit while cleaning.

CARE AND MAINTENANCE

If you experience difficulties in the use of this music system, please check the following or call 1-800-777-5331 for Customer Service.

SYMPTOM	POSSIBLE CAUSE	POSSIBLE SOLUTION
Power does not come on.	AC line cord not plugged in.	Insert plug firmly into AC outlet.
	The AC outlet has not power	Try the unit on another outlet
No sound.	Unit is of	Turn on the unit.
	VOLUME control at minimum position.	Increase Volume
Noise or sound distorted FM AM	- Station not tuned properly - Antenna is not extended - AM reception is weak	- Retune Broadcast station - Fully extend the antenna - Relocate the position of the unit

RESETTING

If the system does not respond or exhibits erratic or intermittent operation, you may have experienced an electrostatic discharge (ESD) or a power surge that triggered the internal microcontroller to shut down automatically. If this occurs, simply disconnect the ac power

cord and remove the system backup battery, wait for at least 3 minutes and then setup the unit again as if it is a brand new unit.

SPECIFICATION

Power source: 120V~, 60Hz
Power Consumption: 3W
Back-up source: 3V ⎓ 2 x AA (UM-3) batteries (not included)
Frequency Range: FM: 87.5-108 MHz
AM: 520-1710 kHz
WB:162.400MHz-162.550MHz;
Speaker Output power: 1×150mW RMS

SPECTRA GREEN NOTICE

At Spectra, environmental and social responsibility is a core value of our business. We are dedicated to continuous implementation of responsible initiatives with an aim to conserve and maintain the environment through responsible recycling.

Please visit us at **http://www.spectraintl.com/green.htm** for more information on Spectra's green initiatives or to find a recycler in your area.

First Alert® is a registered trademark of the First Alert Trust used under license from BRK Brands, Inc.

1 YEAR LIMITED WARRANTY AND SERVICE VALID IN THE U.S.A ONLY

This product is manufactured, distributed or sold by SPECTRA MERCHANDISING INTERNATIONAL, INC., official licensee for this product. All right, title and interest to use the "First Alert" logo trademarks and the "First Alert" trade dress are exclusively licensed by BRK Brands, Inc. and are used under license from BRK Brands, Inc.. Please contact SPECTRA's Service Department for questions/comments, warranty, support, or service related to this product.

SPECTRA MERCHANDISING INTERNATIONAL, INC. warrants that this product 1) is free from defects in materials and workmanship and 2) conforms to its specifications for a period of 1 year from the date of original customer purchase and provided the product is utilized within the U.S.A. This warranty is not assignable or transferable. Our obligation under this warranty is the repair or replacement of the defective unit or any part thereof, except batteries, when it is returned to the SPECTRA Service Department, accompanied by proof of the date of original consumer purchase, such as a duplicated copy of a sales receipt.

You must pay all shipping charges required to ship the product to SPECTRA for warranty service. If the product is repaired or replaced under warranty, the return

charges will be at SPECTRA's expense. There are no other express warranties other than those stated herein.
This warranty is valid only in accordance with the conditions set forth below:

1. The warranty applies to the SPECTRA product only while:
   a. It remains in the possession of the original purchaser and proof of purchase is demonstrated
   b. It has not been subjected to accident, misuse, abuse, improper service, usage outside the descriptions and warnings covered within the owner's manual or non-SPECTRA approved modifications
   c. Claims are made within the warranty period
2. This warranty does not cover damage or equipment failure caused by electrical wiring not in compliance with electrical codes or SPECTRA owner's manual specifications, or failure to provide reasonable care and necessary maintenance as outlined in the owner's manual.
3. Warranty of all SPECTRA products applies to residential use only and is void when products are used in a nonresidential environment or installed outside the United States.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. TO OBTAIN SERVICE please remove all batteries (if any) and pack the unit carefully and send it prepaid by insured parcel post or UPS to SPECTRA at the address shown below. IF THE UNIT IS RETURNED WITHIN THE WARRANTY PERIOD shown above, please include a proof of purchase (dated cash register receipt) so that we may establish your eligibility for warranty service and repair of the unit without cost. Also include a note with a description explaining how the unit is defective. A customer service representative may need to contact you regarding the status of your repair, so include your name, address, phone number and e-mail address to speed the process.
IF THE UNIT IS OUTSIDE THE WARRANTY PERIOD, please include a check for $12.00 to cover the cost of repair, handling and return postage. All out of warranty returns must be sent prepaid.

It is recommended that you contact SPECTRA first at 1-800-777-5331 or by e-mail at custserv@spectraintl.com for updated information on the unit requiring service. In some cases the model you have may be discontinued and SPECTRA reserves the right to offer alternative options for repair or replacement.

SPECTRA MERCHANDISING INTERNATIONAL, INC.
4230 North Normandy Avenue,
Chicago, IL60634, USA.
1-800-777-5331

To register your product, visit the link below on the website to enter your information.
http://www.spectraintl.com/wform.htm

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